

# WEST Search History

DATE: Friday, December 12, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
L5	L4 and human	20	L5
L4	(NES1 or normal epithelial specific) and serine protease	21	L4
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
L3	L2 and down regulated	9	L3
L2	L1 and (trypsin-like or serine protease)	34	L2
L1	maspin	77	L1

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 20 of 20 returned.**☐ 1. Document ID: US 20030181658 A1

L5: Entry 1 of 20

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181658  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030181658 A1

TITLE: Nucleic acid molecules encoding serine protease CVSP14, the encoded polypeptides and methods based thereon

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madison, Edwin L.	San Diego	CA	US	
Yeh, Jiunn-Chern	San Diego	CA	US	

US-CL-CURRENT: 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 2. Document ID: US 20030166851 A1

L5: Entry 2 of 20

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030166851  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030166851 A1

TITLE: Nucleic acid molecules encoding a transmembrane serine protease 9, the encoded polypeptides and methods based thereon

PUBLICATION-DATE: September 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madison, Edwin	San Diego	CA	US	
Ong, Edgar O.	San Diego	CA	US	

US-CL-CURRENT: 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 3. Document ID: US 20030143219 A1

L5: Entry 3 of 20

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030143219  
PGPUB-FILING-TYPE: original-publication-amended  
DOCUMENT-IDENTIFIER: US 20030143219 A1

TITLE: NUCLEIC ACID MOLECULES ENCODING A TRANSMEMBRANE SERINE PROTEASE 25, THE ENCODED  
POLYPEPTIDES AND METHODS BASED THEREON

PUBLICATION-DATE: July 31, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madison , Edwin L	San Diego	CA	US	
Yeh , Jiunn-Chern	San Diego	CA	US	

US-CL-CURRENT: 424/94.67; 435/226, 435/320.1, 435/325, 435/6, 435/69.1, 435/7.9,  
530/388.26, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: US 20030138783 A1

L5: Entry 4 of 20

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030138783  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030138783 A1

TITLE: Aberrantly methylated genes as markers of breast malignancy

PUBLICATION-DATE: July 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sukumar, Saraswati	Columbia	MD	US	
Evron, Ella	Baltimore	MD	US	
Dooley, William C.	Oklahoma City	OK	US	
Sacchi, Nicoletta	North Potomac	MD	US	
Davidson, Nancy	Baltimore	MD	US	
Fackler, Mary Jo	Hunt Valley	MD	US	

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 20030134794 A1

L5: Entry 5 of 20

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134794  
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134794 A1

TITLE: Nucleic acid molecules encoding serine protease 17, the encoded polypeptides and methods based thereon

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madison, Edwin L.	San Diego	CA	US	
Ong, Edgar O.	San Diego	CA	US	

US-CL-CURRENT: 514/12; 424/146.1, 435/226, 435/320.1, 435/325, 435/6, 435/69.1, 530/388.26, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMIC

☐ 6. Document ID: US 20030134298 A1

L5: Entry 6 of 20

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134298 A1

TITLE: Nucleic acid molecules encoding a transmembrane serine protease 20, the encoded polypeptides and methods based thereon

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madison, Edwin L.	San Diego	CA	US	
Ong, Edgar O.	San Diego	CA	US	

US-CL-CURRENT: 435/6; 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMIC

☐ 7. Document ID: US 20030119168 A1

L5: Entry 7 of 20

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030119168

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030119168 A1

TITLE: Nucleic acid molecules encoding transmembrane serine proteases, the encoded proteins and methods based thereon

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madison, Edwin L.	San Diego	CA	US	
Ong, Edgar O.	San Diego	CA	US	
Yeh, Jiunn-Chern	San Diego	CA	US	

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/69.1, 435/7.23, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 8. Document ID: US 20030087816 A1

L5: Entry 8 of 20

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030087816  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030087816 A1

TITLE: Novel proteins and nucleic acids encoding same

PUBLICATION-DATE: May 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Vermet, Corine	Gainesville	FL	US	
Fernandes, Elma	Branford	CT	US	
Shimkets, Richard	West Haven	CT	US	
Herrmann, John	Guilford	CT	US	
Majumder, Kumud	Stamford	CT	US	
MacDougall, John	Hamden	CT	US	
Mishra, Vishnu	Gainesville	FL	US	
Mezes, Peter S.	Old Lyme	CT	US	
Rastelli, Luca	Guilford	CT	US	

US-CL-CURRENT: 514/12; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 9. Document ID: US 20030082511 A1

L5: Entry 9 of 20

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082511  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030082511 A1

TITLE: Identification of modulatory molecules using inducible promoters

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brown, Steven J.	San Diego	CA	US	
Dunnington, Damien J.	San Diego	CA	US	
Clark, Imran	San Diego	CA	US	

US-CL-CURRENT: 435/4; 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RAW
Draw Desc	Image									

☐ 10. Document ID: US 20030064477 A1

L5: Entry 10 of 20

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064477  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030064477 A1

TITLE: Novel E6 targeted protein (E6TP1)

PUBLICATION-DATE: April 3, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Band, Vimla	Waban	MA	US	
Gao, Qingshen	Winchester	MA	US	

US-CL-CURRENT: 435/69.2; 435/184, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RAW
Draw Desc	Image									

☐ 11. Document ID: US 20030017454 A1

L5: Entry 11 of 20

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030017454  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030017454 A1

TITLE: Aberrantly methylated genes as markers of breast malignancy

PUBLICATION-DATE: January 23, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sukumar, Saraswati	Columbia	MD	US	
Evron, Ella	Baltimore	MD	US	
Dooley, William C.	Oklahoma City	OK	US	
Sacchi, Nicoletta	North Potomac	MD	US	
Davidson, Nancy	Baltimore	MD	US	

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 12. Document ID: US 20030008372 A1

L5: Entry 12 of 20

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030008372  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030008372 A1

TITLE: Nucleic acid molecules encoding a transmembrane serine protease 7, the encoded polypeptides and methods based thereon

PUBLICATION-DATE: January 9, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Madison, Edwin L.	San Diego	CA	US	
Ong, Edgar O.	San Diego	CA	US	

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 13. Document ID: US 20020165188 A1

L5: Entry 13 of 20

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165188  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020165188 A1

TITLE: Methods for inhibition of tumorigenic properties of melanoma cells

PUBLICATION-DATE: November 7, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Herlyn, Meenhard	Wynnewood	PA	US	
Satyamoorthy, Kapaettu	Swarthmore	PA	US	

US-CL-CURRENT: 514/44; 424/145.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 14. Document ID: US 20020155115 A1

L5: Entry 14 of 20

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155115  
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155115 A1

TITLE: Novel proteins and nucleic acids encoding same

PUBLICATION-DATE: October 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Vernet, Corine A.M.	North Branford	CT	US	
Fernandes, Elma R.	Branford	CT	US	
Shinkets, Richard A.	West Haven	CT	US	
Herrmann, John L.	Guilford	CT	US	
Majumder, Kumud	Stamford	CT	US	
MacDougall, John R.	Hamden	CT	US	
Mishra, Vishnu S.	Gainesville	FL	US	
Mezes, Peter S.	Old Lyme	CT	US	
Rastelli, Luca	Guilford	CT	US	

US-CL-CURRENT: 424/155.1; 435/320.1, 435/325, 435/6, 435/7.23, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 15. Document ID: US 20020106367 A1

L5: Entry 15 of 20

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106367

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020106367 A1

TITLE: NES-1 polypeptides, DNA, and related molecules and methods

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Band, Vimla	Natick	MA	US	

US-CL-CURRENT: 424/94.63; 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 16. Document ID: US 20020098201 A1

L5: Entry 16 of 20

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098201

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098201 A1

TITLE: Novel myxoma genes for immune modulation

PUBLICATION-DATE: July 25, 2002

## INVENTOR-INFORMATION:



NAME	CITY	STATE	COUNTRY	RULE-47
McFadden, Grant	London		CA	

US-CL-CURRENT: 424/204.1; 435/343.2, 435/5, 435/91.33, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 17. Document ID: US 6569684 B2

L5: Entry 17 of 20

File: USPT

May 27, 2003

US-PAT-NO: 6569684

DOCUMENT-IDENTIFIER: US 6569684 B2

TITLE: Method of identifying and treating invasive carcinomas

DATE-ISSUED: May 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chai; Karl X.	Winter Springs	FL		
Chen; Li-Mei	Winter Springs	FL		
Chao; Lee	Mr. Pleasant	SC		
Chao; Julie	Mr. Pleasant	SC		

US-CL-CURRENT: 436/64; 424/9.1, 536/23.1, 536/23.5

## ABSTRACT:

Prostasin protein has been found to be a useful marker for determination of the invasiveness of and as a means to treat human carcinomas. Using RT-PCR and western blot analyses, prostasin protein and mRNA expression were found in normal human prostate epithelial cells and the human prostate cancer cell line LNCaP, but not in the highly invasive human prostate cancer cell lines DU-145 and PC-3. Immunohistochemistry studies of human prostate cancer specimens revealed a down-regulation of prostasin in high-grade tumors. Using RT-PCR and western blot analyses, prostasin protein and mRNA expression were found in a non-invasive human breast cancer cell line, MCF-7, while invasive human breast cancer cell lines MDA-MB-231 and MDA-MB-435s were found not to express either the prostasin protein or the mRNA. A non-invasive human breast cancer cell line, MDA-MB-453, was shown to express prostasin mRNA but not prostasin protein. Transfection of DU-145 and PC-3 cells with a full-length human prostasin cDNA restored prostasin expression and reduced the in vitro invasiveness by 68% and 42%, respectively. Transfection of MDA-MB-231 and MDA-MB-435s cells with a full-length human prostasin cDNA restored prostasin expression and reduced the in vitro invasiveness by 50% for either cell line.

6 Claims, 14 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 18. Document ID: US 6153387 A

L5: Entry 18 of 20

File: USPT

Nov 28, 2000

US-PAT-NO: 6153387

DOCUMENT-IDENTIFIER: US 6153387 A

TITLE: NES-1 polypeptides, DNA, and related molecules and methods

DATE-ISSUED: November 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Band; Vimla	Natick	MA		

US-CL-CURRENT: 435/6, 435/219, 435/226, 435/252.33, 435/254.11, 435/320.1, 435/325,  
435/69.1, 536/23.2, 536/23.5

## ABSTRACT:

Disclosed is substantially pure NES1 polypeptide and purified DNA, vectors, and cells encoding that polypeptide. Also disclosed are methods for carcinoma detection and treatment using the NES1 sequence.

14 Claims, 1 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 19. Document ID: US 5843694 A

L5: Entry 19 of 20

File: USPT

Dec 1, 1998

US-PAT-NO: 5843694

DOCUMENT-IDENTIFIER: US 5843694 A

TITLE: Methods for identification of modulatory compounds for the expression of the NES1 protein

DATE-ISSUED: December 1, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Band; Vimla	Natick	MA		

US-CL-CURRENT: 435/23, 435/212, 435/219, 435/226

## ABSTRACT:

The expression and purification of normal epithelial specific polypeptide (NES 1) which is expressed in normal cells, but not in radiation transformed cells, are described. Both the DNA sequence encoding the NES1 and the corresponding amino acid sequence are disclosed. Also, disclosed are methods for carcinoma detection and treatment using the NES1 as well as methods of identifying compounds modulating the expression and activity of NES1.

5 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 20. Document ID: US 5736377 A

L5: Entry 20 of 20

File: USPT

Apr 7, 1998

US-PAT-NO: 5736377

DOCUMENT-IDENTIFIER: US 5736377 A

TITLE: NES-1 polypeptides, DNA, and related molecules and methods

DATE-ISSUED: April 7, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Band; Vimla	Natick	MA		

US-CL-CURRENT: 435/219; 435/212, 435/226, 530/350

## ABSTRACT:

The expression and purification of normal epithelial specific polypeptide (NES1) which is expressed in normal cells, but not in radiation transformed cells, are described. Both the DNA sequence encoding the NES1 and the corresponding amino acid sequence are disclosed. Also, disclosed are methods for carcinoma detection and treatment using the NES1 as well as methods of identifying compounds modulating the expression and activity of NES1.

2 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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Terms	Documents
L4 and human	20

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